

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22135	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/15 16:18
S2	845453	EL OR (electro luminescence) OR electroluminescence OR (Electro Luminescent) OR Electroluminescent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 10:25
S3	502929	(Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 10:26
S4	1310992	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 13:46
S5	799192	capacitor\$1 or ((retain\$4 or storage) ADJ (circuit\$4 or CKT or IC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 10:27
S6	54387	S3 with (convert\$4 OR conversion\$1 OR transform\$5 OR translat\$5 OR shift\$3 or rectif\$6)	US-PGPUB; USPAT	OR	ON	2007/01/31 10:29
S8	5	S1 SAME S6 SAME S5 SAME S4	US-PGPUB; USPAT	ADJ	ON	2007/01/31 13:57
S9	1812	S6 SAME S5 SAME S4	US-PGPUB; USPAT	ADJ	ON	2007/01/31 10:42
S10	23	S1 AND S9	US-PGPUB; USPAT	ADJ	ON	2007/01/31 10:43
S11	18	S10 not S8	US-PGPUB; USPAT	ADJ	ON	2007/01/31 10:54
S12	21	S2 SAME S6 SAME S5 SAME S4	US-PGPUB; USPAT	ADJ	ON	2007/01/31 11:19

## EAST Search History

S13	43260	(TFT or (thin-film transistor\$1) or (thin film transistor\$1)) with (LCD\$2 OR (liquid crystal display))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 15:34
S14	502929	(Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 13:38
S15	1310992	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 13:38
S16	799192	capacitor\$1 or ((retain\$4 or storage) ADJ (circuit\$4 or CKT or IC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 13:38
S17	54387	S14 with (convert\$4 OR conversion\$1 OR transform\$5 OR translat\$5 OR shift\$3 or rectif\$6)	US-PGPUB; USPAT	OR	ON	2007/01/31 13:38
S18	0	S13 SAME S17 SAME S16 SAME S15	US-PGPUB; USPAT	ADJ	ON	2007/01/31 13:42
S19	9	S13 AND S17 SAME S16 SAME S15	US-PGPUB; USPAT	ADJ	ON	2007/01/31 13:43
S20	22135	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/31 14:04
S21	23	S20 SAME S13 SAME S14	US-PGPUB; USPAT	ADJ	ON	2007/01/31 14:17
S22	0	(341/88or341/89).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:18

## EAST Search History

S23	120	(341/88).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:18
S24	109	(341/89).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:18
S25	0	("13AND14").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:18
S26	21	S23 AND S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:19
S27	208	S23 or S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:38
S28	0	(S23 or S24) AND S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:40
S29	0	(S23 or S24) AND LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:40
S30	1414	(345/211).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:41

## EAST Search History

S31	2904	(345/204).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:41
S32	0	("020or21").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 14:41
S33	4176	S30 or S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:42
S34	232	S33 AND (S14 same S15)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:42
S35	503313	(Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:03
S36	1311928	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:11
S37	75296	S35 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:04
S38	75296	S37 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:05



## EAST Search History

S39	75296	S37 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:05
S40	22199	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:05
S41	546	S37 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 09:07
S42	54466	S35 with (convert\$4 OR conversion\$1 OR transform\$5 OR translats\$5 OR shift\$3 or rectif\$6)	US-PGPUB; USPAT	OR	ON	2007/02/01 09:12
S43	461	S40 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:34
S44	503313	((Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1 or voltage-to-current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:35
S45	5112582	(convert\$4 OR conversion\$1 OR transform\$5 OR translats\$5 OR shift\$3 or rectif\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:35
S46	104575	S44 with S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 09:36
S47	138	S46 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 10:31

## EAST Search History

S48	3827	voltage-to-current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 10:32
S49	6	S48 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 10:32
S50	20	S48 AND S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/01 10:32
S51	22199	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/02 08:52
S52	503313	(Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/02 08:52
S53	799685	capacitor\$1 or ((retain\$4 or storage) ADJ (circuit\$4 or CKT or IC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/02 14:41
S54	54466	S52 with (convert\$4 OR conversion\$1 OR transform\$5 OR translat\$5 OR shift\$3 or rectif\$6)	US-PGPUB; USPAT	OR	ON	2007/02/02 08:52
S55	30	S51 SAME S54 SAME S53	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:44
S56	1	"7023408"	US-PGPUB; USPAT	ADJ	ON	2007/02/02 11:25
S57	786867	(data or information or input or file) near4 (process\$4 or refin\$4)	US-PGPUB; USPAT	ADJ	ON	2007/02/02 11:26
S58	23736	(alternat\$3 or interchange) near3 (captur\$4 or catch\$4 or tak\$4)	US-PGPUB; USPAT	ADJ	ON	2007/02/02 11:27

## EAST Search History

S59	1311928	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/02 11:27
S60	14	S57 same S58 same S59	US-PGPUB; USPAT	ADJ	ON	2007/02/02 11:28
S61	0	("2004/0207579").URPN.	USPAT	OR	ON	2007/02/02 13:13
S62	31401	(RGB or video) adj signal\$1 same input\$1	USPAT	OR	ON	2007/02/02 13:13
S63	193	S51 AND S62	USPAT	OR	ON	2007/02/02 13:48
S64	15	"6169528"	USPAT	OR	ON	2007/02/02 13:49
S65	10148	S54 SAME S53	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:55
S66	111	S65 AND S51	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:45
S67	81	S66 not S55	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:46
S68	63	S67 AND ("345"/\$ or "315"/\$ OR "341"/\$).cccls.	US-PGPUB; USPAT	ADJ	ON	2007/02/06 10:19
S69	5344	S54 with S53	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:56
S70	47	S69 and S51	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:56
S71	38	S70 AND ("345"/\$ or "315"/\$ OR "341"/\$).cccls.	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:56
S72	0	S71 not (S55 or S67)	US-PGPUB; USPAT	ADJ	ON	2007/02/02 14:58
S73	1	"6784861".pn.	US-PGPUB; USPAT	OR	ON	2007/02/02 15:18
S74	13	("5093655"   "5122790"   "5568163"   "5691739"   "5757365"   "6008801"   "6061046"   "6369791"   "6456267"   "6611247"   "6621489"   "6625207"   "6677937").PN. OR ("6784861").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 15:19
S75	13	("5093655"   "5122790"   "5568163"   "5691739"   "5757365"   "6008801"   "6061046"   "6369791"   "6456267"   "6611247"   "6621489"   "6625207"   "6677937").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 15:19

## EAST Search History

S76	0	S75 AND S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/02 15:20
S77	13	"6339414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:16
S78	503686	((Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1 or voltage-to-current) or voltage\$1/current\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:24
S79	22281	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:17
S80	800280	capacitor\$1 or ((retain\$4 or storage) ADJ (circuit\$4 or CKT or IC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:17
S81	1775	S79 same S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:17
S82	300	S78 same S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 10:18
S83	215	S82 AND ("345"/\$ or "315"/\$ OR "341"/\$).ccls.	US-PGPUB; USPAT	ADJ	ON	2007/02/15 16:20
S84	10986	( (voltage-to-current) or "voltage/current")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/02/06 10:25



## EAST Search History

S85	7	S79 same S80 same S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/02/06 10:25
S86	79277	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2) with capacitor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 13:48
S87	22281	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 13:48
S88	52	n1 with S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 13:48
S89	109	S86 with S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 13:49
S90	43449	(TFT or (thin-film transistor\$1) or (thin film transistor\$1)) with (LCD\$2 OR (liquid crystal display))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 15:35
S91	743	S90 AND S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 16:51
S92	503688	((Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1 or voltage-to-current or voltage-current) or voltage\$1/current\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 16:51

## EAST Search History

S93	205716	read adj3 write	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:10
S94	91	S87 AND S92 AND S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/06 17:01
S95	5	S87 AND S92 AND (S93 with buffer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/02/06 17:02
S96	503688	((Voltage OR power\$1 OR source\$1 OR powersource\$1) ADJ3 current\$1 or voltage-to-current or voltage-current) or voltage\$1/current\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:02
S97	205716	read adj3 write	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:02
S98	5302	display\$1 AND S97 AND S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:03
S99	30	display\$1 same S97 same S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:03
S10 0	28281	(read\$3 adj5 write\$3) with (buffer\$1 or channel\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:14

## EAST Search History

S10 1	8249	(conversion or convert\$3) same( voltage-to-current or voltage-current or voltage/current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:18
S10 2	34	S100 AND S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:23
S10 3	8221	retain\$3 with circuit\$1 same pair\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:30
S10 4	9	S101 AND S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:25
S10 5	53182	retain\$3 with circuit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:30
S10 6	10	S105 same S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 08:32
S10 7	105	S105 AND S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 09:22
S10 8	22281	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 09:22

## EAST Search History

S10 9	63	S101 AND S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/07 11:29
S11 0	0	(10/813800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/07 11:30
S11 1	0	("10813800").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/07 11:30
S11 2	1	10/813800	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:33
S11 3	1	10/833183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:52
S11 4	1	10/872347	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:53
S11 5	22443	OLED\$2 OR (organic light emitting diode) OR (organic diode) OR (organic LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/15 16:18
S11 6	1315400	(Dual\$2 or multiple\$1 or double\$1 or duplex\$1 or alternat\$3 or second\$1 or several\$1 or different\$1 or plural\$3) near5 (circuit\$4 or CKT or IC or switch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/15 16:18



## EAST Search History

S11 7	801730	capacitor\$1 or ((retain\$4 or storage) ADJ (circuit\$4 or CKT or IC))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/15 16:18
S11 8	114	S115 with S117 with S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/15 16:18
S11 9	67	S118 AND ("345"/\$ or "315"/\$ OR "341"/\$).ccls.	US-PGPUB; USPAT	ADJ	ON	2007/02/15 16:21